

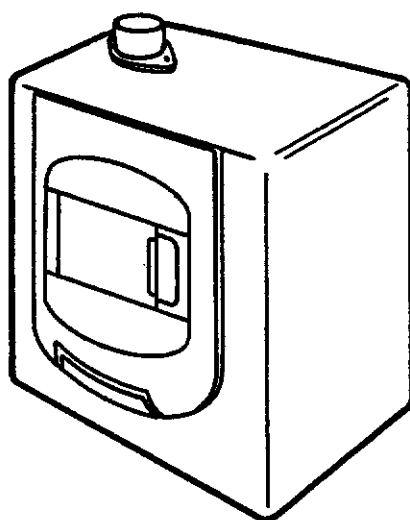
Rinnai



OPERATING INSTRUCTIONS

MODEL RD-40NZ

GAS TUMBLE DRYER



RINNAI NEW ZEALAND LTD.

IMPORTANT

THIS IS A FLUED APPLIANCE AND SHOULD BE USED WITH FLUE KIT SUPPLIED

I. FUNCTIONS & FEATURES

1) Quick Drying

High speed, gas heated drying power. Drying time may be reduced by 1/3 compared with electric dryer.

2) Easy Operation

“Standard” cycle with “Soft” cycle will start once the “Power” switch and “Start/Pause” switch are pressed. Dryer stops automatically after drying is completed.

3) “Delicate” Cycle

The “Delicate” cycle is designed for Nylon Stockings or clothes which are sensitive to heat.

4) Large Volume Drum

4 kg of clothes (dry clothes weight) can be dried at one time.

5) Filter Sign

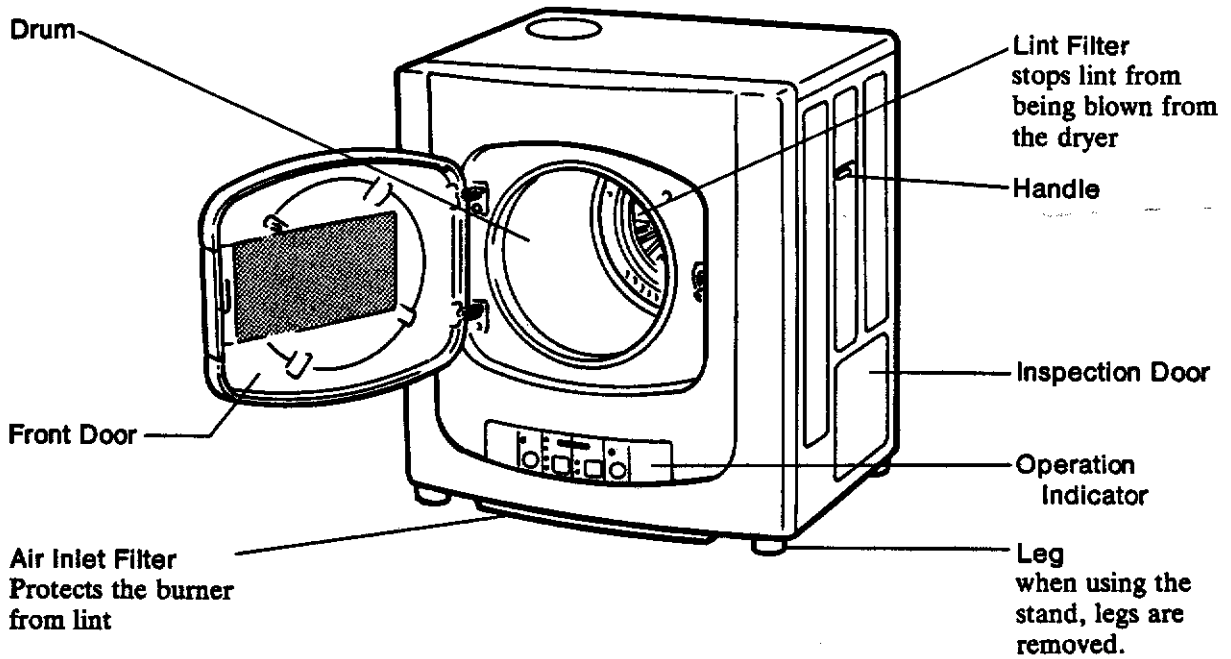
Filter lamp flashes when the Lint Filter is blocked with lint.

6) Automatic Power Off Function

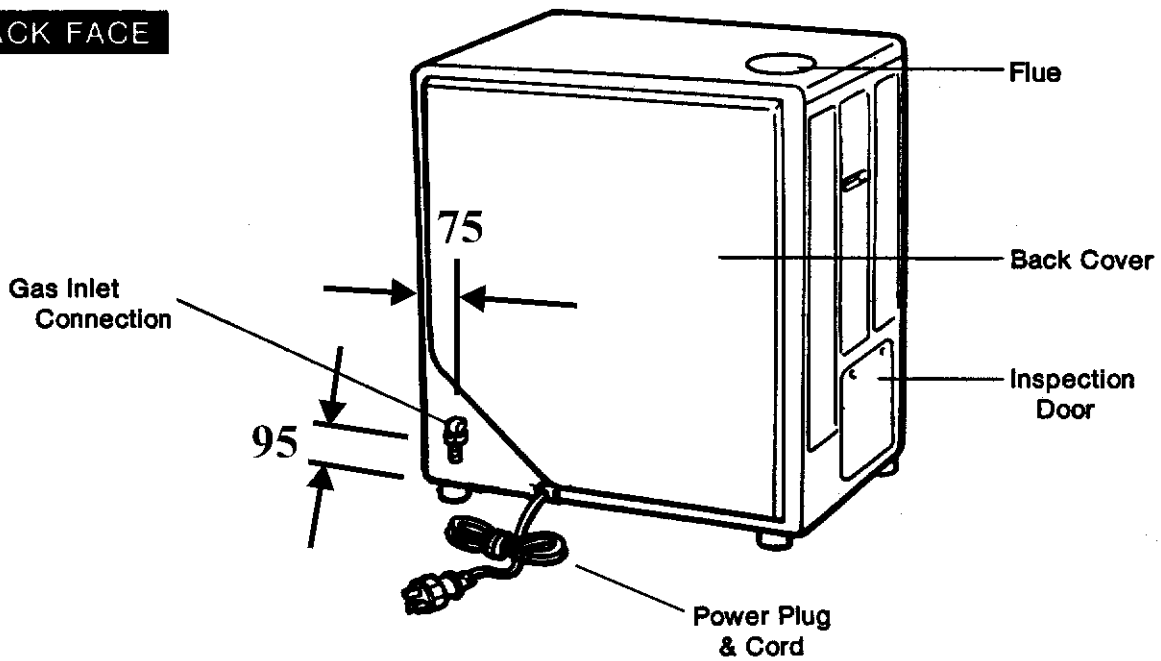
10 minutes after the drying cycle is completed, or when no cycle is selected after the power is turned on, the dryer will turn off automatically.

PART NAMES


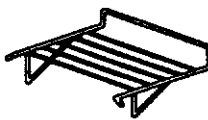
FRONT FACE



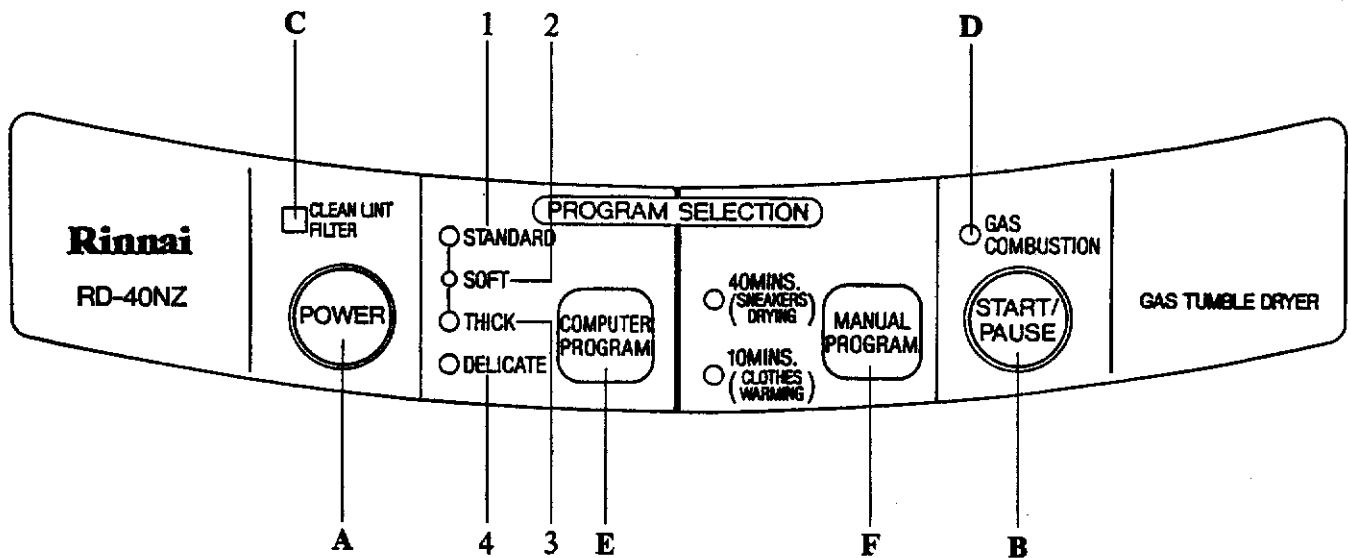
BACK FACE



ACCESSORY

Trim	Dry Rack
 <p>Used when changing door opening direction</p> <p>× 3</p>	 <p>Used to dry sneakers etc.</p> <p>× 1</p>

II. OPERATION INDICATOR PANEL



A. "Power" Switch

- * Push this switch to turn the power on or off. After turning on the "Power" Switch, the "Standard" lamp and "Soft" lamp will light.
- * 10 minutes after the drying cycle is completed, or when no cycle is selected after the power is turned on, the dryer will turn off automatically.

B. "Start/Pause" Switch

- * Push the "Start/Pause" Switch in order to start or stop drying for a short period.
- * When the "Start/Pause" Switch is pushed to stop drying for a short period, the lamp indicating the cycle in progress will stop flashing but will remain on.
- * To restart the cycle, simply press the "Start/Pause" Switch again. The lamp will begin to flash again.

C. "Clean Filter" Lamp

- * This lamp flashes when the filter inside the door becomes blocked.

D. "Combustion" Lamp

- * This lamp is on when the burner is lit.

E. "Computer Program" Switch

- * The micro-computer control system monitors the drying conditions.
- * When "Standard" (1) and "Thick" (3) cycles are selected, you can choose whether to add the "Soft" (2) cycle or not.
- * "Soft" (2) cycle will not be available if "Delicate" (4) cycle is selected.
- * The "Computer Program" function is recommended for ordinary drying.

F. "Manual Program" Switch

- * The "Manual Program" Switch sets the drying time to either 40 minutes for drying sneakers or 10 minutes for warming clothes. However, it cannot be used with the "Computer Program" function at the same time.

III. HOW TO USE

Before operation

1. Connect the power cord plug to the power point.
2. Identify the kinds of clothes you wish to dry then determine the choice of the cycle and the drying style.

Caution: Don't put inflammable or metallic materials (e.g. belts) in the dryer.

Operation Procedures

1. Spin dry and separate clothes before putting them in the dryer.
2. Open the front door and put the clothes in the dryer.
3. Close the front door.
Caution: Ensure clothes are not caught when closing the front door.
4. Push the "Power" Switch to turn the dryer on. The "Standard" and "Soft" cycle lamps will illuminate.
5. Choose the operating cycle (refer to the "Choice of Cycle" in these Operating Instructions). If no cycle is chosen, the dryer will use the "Standard" and "Soft" cycle automatically. The cycle can be changed during operation. However, this may lengthen the drying period.
6. Push the "Start/Pause" switch to start the operation cycle.

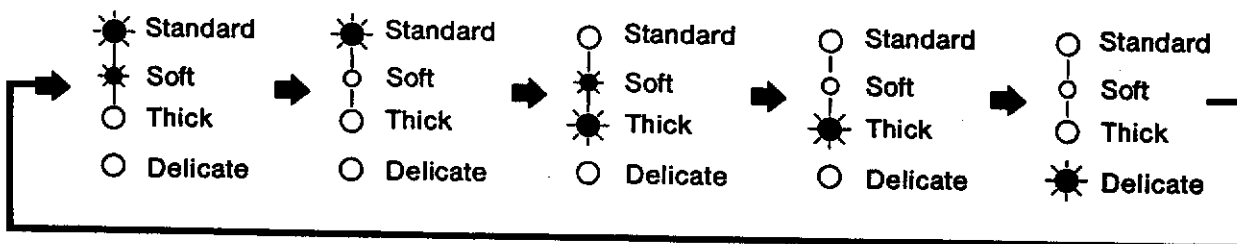
Changing the choice of cycle during operation

- * Push the "Start/Pause" Switch to pause the operation and re-select the choice of cycle using the "Sensor" Switch.
 - * Push the "Start/Pause" Switch to re-start. The chosen cycle lamp will flash and the combustion lamp will also be on.
7. Remove clothes when the buzzer sounds. This indicates that the drying is finished.
Note: You may notice a build up of static electricity in the clothes when you take them out. This is normal.
 8. Push the "Power" Switch to turn the dryer off.
 9. Clean the lint filter.

IV. CHOICE OF CYCLE

A. Sensor Cycle

Drying conditions are monitored by the sensor and drying stops automatically.
(Sensor Cycle Choice)



The cycle changes each time the “Computer program” Switch is pushed.

Standard — for towels, underwear and normal clothes.

Thick — for thick or winter clothes.

* When the “Standard” or “Thick” cycle is finished, the cycle lamp changes from on to flashing.

Soft

* Turns the drum twelve seconds every four minutes to keep the clothes soft.

* Cancelled automatically when the front door is opened.

Delicate — for underwear with lace, nylon stockings and other delicate clothes.

B. Timer Cycle

The Timer can be set for either a 40 minute or a 10 minute drying cycle. The two cycles can be selected by pressing the “Manual Program” Switch.

Note: The “Computer program” cycle cannot be used with the “Timer” cycle.

40 minutes — for sneakers etc.

* Use the sneaker drying rack when drying sneakers etc.

* Do not dry rubber shoes or leather shoes.

10 minutes — for keeping clothes warm in winter.

To stop the buzzer function, keep pressing the “Start/Pause” Switch first and then press “Power” Switch before drying. The buzzer will not sound at the end of the drying cycle.

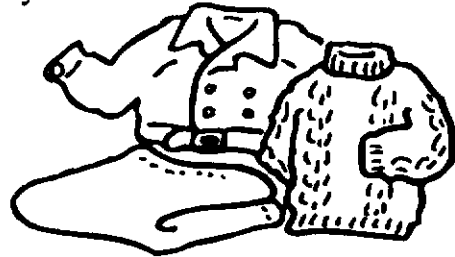
To restore the buzzer function, repeat the same operation.

V. CHECKING POINTS BEFORE DRYING

Do **NOT** put the following kinds of clothes into the dryer as they are unsuitable for drying:

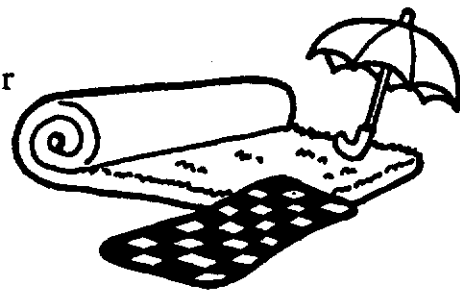
1. Delicate clothes which cannot be ironed directly

- Woolen articles
- Woolen mixture articles
- Lace knit articles (e.g. curtain)
- Leather articles
- Poly-urethane
- Articles made of poly-urethane



2. Clothes which may cause damage to the dryer

- Thin synthetic fiber clothes
- Raincoat, windbreaker etc.
- Quilt, blanket etc.
- Glued clothes
- Paper articles
- Clothes with material such as urethane (sponge) etc.
- Articles other than clothes (such as mat, carpet, umbrella, wig)



3. Clothes which are subject to shrinkage

- Hemp, regenerated fiber (e.g. rayon) clothes
- Knitted clothes

VI. STANDARD FOR DRYING VOLUME AND TIME

KIND OF CLOTHES	WEIGHT/PC	DRYING VOLUME	DRYING TIME
COTTON SHIRT	ABOUT 200G	ABOUT 20PCS	ABOUT 35MINS.
NAPPY (COTTON)	ABOUT 50G	ABOUT 80PCS	ABOUT 45MINS.
PYJAMAS	ABOUT 500G	ABOUT 8PAIRS	ABOUT 40MINS.
TOWEL (COTTON)	ABOUT 80G	ABOUT 45PCS	ABOUT 50MINS.

*May be used as an approximate guide.

Remarks

*If too many clothes are put into the dryer, the time of drying is much longer and the drying becomes uneven.

Notice: Drying time will be longer under the following conditions:

- * During high humidity.
- * Lint filter being blocked.
- * Lower surrounding temperature.
- * Inadequate ventilation inside the room.

To stop the dryer temporarily, push the "Start/Pause" Switch. The combustion lamp's light will go off and the dryer stops.

To restart the dryer, push the "Start/Pause" Switch again. (The drying time may then take longer.)

VII. REMARKS ON USE

DON'T LEAVE WET CLOTHES INSIDE THE DRYER.

Wet clothes left inside the dryer may cause corrosion due to the moisture.

DON'T LET CLOTHES GET TRAPPED BETWEEN THE FRONT DOOR AND THE DRYER.

Clothes caught between the front door may damage the turning drum.

DON'T TRY TO DRY TOO MANY CLOTHES AT ONE TIME.

Too many clothes cause uneven drying.

IDENTIFY CLOTHES THAT ARE SUBJECT TO SHRINKAGE.

Clothes made of cotton, will shrink easily and should not be dried in a Dryer.

SPIN DRY THOROUGHLY DURING WASHING.

Clothes should be spun dry. This can speed up the drying process and the use of gas can be economised.

VIII. REMARKS ON DRYING

- Neither add extra clothes or open the front door during drying.
- Don't remove clothes until the operation has finished completely.
- To stop the operation, it must be done by operation switch (Not the power plug).
- Re-operate the drying process from the beginning after a power failure.
- In case of unusual situation, stop the operation, shut off the gas cock and pull out the power plug.
- Don't put clothes which are contaminated with oil, petrol, and dry-cleaning liquid into the dryer. (They may catch fire).
- Don't put volatile flammable things like a lighter, match or metallic things like a belt buckle in dryer.
- Don't cover the dryer with a blanket or clothes.

IX. MEASURES WHEN THE SAFETY DEVICE IS OPERATED

- This “Rinnai” Gas Dryer has an information function when the safety device is operated.
- If the dryer stops during operation, check whether the safety device has operated or not.
- When the “CLEAN FILTER” lamp flashes, it means the filter is blocked. Clean the filter after operation.

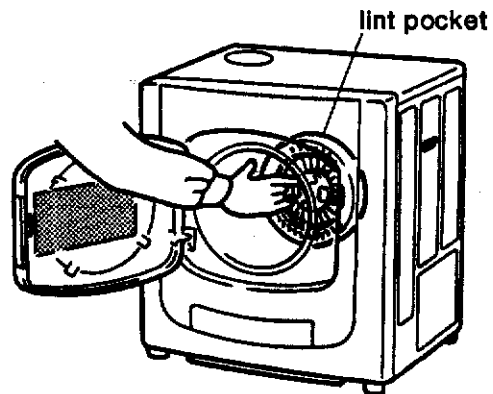
Safety Device Operating Indicator (Lamp Turns On and Off)	Cause	Procedure
■ Clean Filter ✱ combustion ✱ Soft ✱ combustion	1. Lint Filter or Back Filter is blocked by lint. 2. Too many clothes. 3. Electrical Problem.	Clean Filter and restart after 10mins. If the same lamp still turns on and off, replace lamp.
✱ 10mins (Warming) ✱ combustion	Lack of Opening Rate of Gas Cock.	Re-operate after Inspection.
	Blocked, Bent or Damaged Gas Tube.	Restart after Inspection.
✱ 40mins (Sneakers) ✱ combustion	Lack of Opening Rate of Gas Cock.	Restart after Inspection.
	Lack of Oxygen in room.	Ventilate room fully then re-operate
✱ Standard ✱ combustion ✱ Thick ✱ combustion ✱ Standard ✱ combustion ✱ Delicate ✱ combustion ✱ Delicate ✱ combustion ✱ Thick ✱ combustion ✱ Delicate ✱ combustion	Electrical Problem.	Call a Serviceman.
✱ Soft ✱ combustion ✱ Delicate	Electrical Problem.	Push “Power” Switch and Stop the Dryer. Restart after 10mins. If the light is still flashing, call a Serviceman.
All Lamps Light OFF ● combustion	Electrical Problem. Over Heating Problem.	Call a Serviceman.

X. USUAL CARE

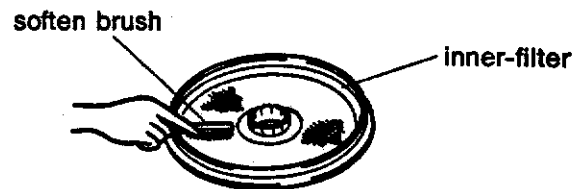
CLEANING OF LINT FILTER

"FILTER LAMP" flashes when the filter is blocked by the lint. As a blocked filter results in longer drying time, please clean the inner-filter after each operation.

1. Remove the filter by pulling it towards you.



2. Remove the inner-filter from the lint pocket.
3. Remove any lint stuck in the inner-filter. (If lint, especially lint dust, cannot be removed from the inner-filter, wash the inner-filter with the neutral cleanser. Remember to dry the inner-filter thoroughly after washing.)
4. Set up the inner-filter into the lint pocket and push it back to its original location.



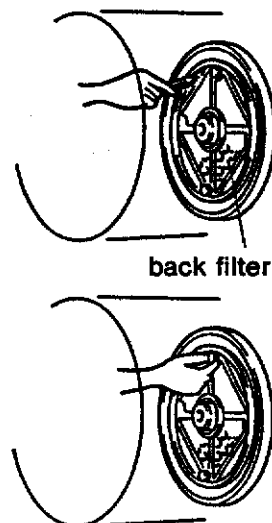
CLEANING OF BACK FILTER

You can see the back filter at the inside after the lint pocket is taken away. Normally, you don't need to take away the lint pocket. Just clean the back filter.

Remove the lint by a soft brush without the scratch. The resinous nut can be removed by turning clockwise.

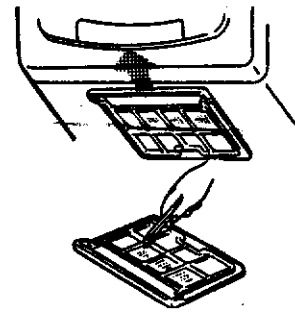
In case you cannot clear the lint easily, remove the back filter to clean.

(Unscrew two resinous screws by hand. In case resinous screws are tight, please use (+) screwdriver.)



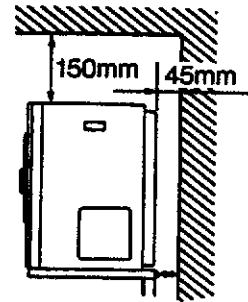
CLEANING OF AIR INLET FILTER

1. Pull out the air inlet filter which is located at the bottom of the dryer.
2. Remove the lint dust by using a soft brush.
3. After cleaning the lint, put the air inlet filter into the rail at the bottom of the dryer properly and push it back to its original location.



XI. CHECKING POINTS BEFORE USE

1. Installation
 - Install the dryer in a secure horizontal position.
 - Don't install the dryer in a wet place where water or rain can get in.
 - The clearances should be:



IMPORTANT

THIS IS A FLUED APPLIANCE AND SHOULD BE USED WITH FLUE KIT SUPPLIED

- Don't install the dryer close to chemicals, such as a hair salon, where spray is often used.
2. Ventilation
 - It is necessary for the dryer to be installed where there is good ventilation so as to achieve a perfect combustion of the gas.
 - Install the dryer at places where there are air-holes and a ventilator which can provide sufficient moving air.

The following are not appliance faults:

The dryer is still operating even after the finishing buzzer sounds.

- A: It is running the "SOFT" cycle operation. (MAX. 120 MINS.)
Open the front door and the dryer will automatically stop.

It takes some time to turn on the combustion lamp.

- A: This may happen if the dryer has not been used for a long time.
Just keep on operating for a while until the combustion can be turned on.

There are some "WHISTLING" sounds after ignition.

- A: It is temporarily caused by excessive air in the burner.
The dryer will become normal again some time later.

There is a "BUMPH" sound after ignition.

- A: This is only the ignition sound. Don't worry.

There are some "CREAKING" sounds after the operation stops.

- A: The sound is caused by the shrinking of the burner which has expanded due to the heat during operation.

The sparkling sound of ignition commences after the fan starts to turn.

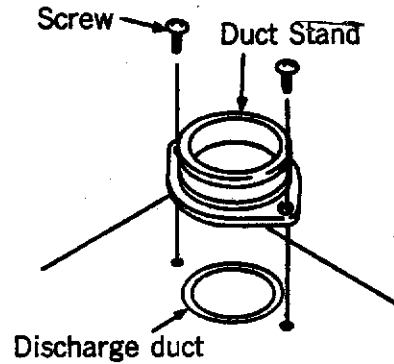
- A: The ignition is intentionally delayed for 5 seconds in order to provide correct ignition.

XII. INSTALLING OF DISCHARGE TOP

1. Follow the drawing below (Figure 1) by sticking the form tape to the outer part of duct stand. End part of the form tape must be overlapped.
2. After finished putting the form tape, secure the duct stand (as shown in Figure 2) on the discharge duct of the dryer with enclosed screws.



(Figure 1)



(Figure 2)

XIII. RD 40 GAS DRYER FLUE ASSEMBLY

